

Thermometers

APPLICATION

This procedure describes the methods needed to use thermometers. Thermometers are used for the routine measurement and monitoring of water or air temperature during laboratory testing and for monitoring cold storage facilities.

MONTHLY CALIBRATION

Place all thermometers in an ice water bath. When the temperature has stabilized, record the temperatures on the Thermometer Calibration Record. Repeat this step at ambient lab temperature and in the 25°C constant temperature room. Note reading of NIST certified thermometer at all temperatures.

If the thermometers do not read within 0.5° C of certified thermometer, remove offending thermometer(s) from lab circulation.

QUALITY CONTROL

A Thermometer Calibration Record will be used to document all monthly thermometer calibrations. The person recording the information will initial the sheet. The QA Officer shall review the Thermometer Calibration Record for technical adequacy and sign and date to indicate that the form is complete, adequate, and correct.